

# BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

103

## SCHEDULE - B

### Development of Dobhighat in Ward No.01

| SNo | Quantity | Item Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Unit | Approved Rates of Sri. H V Onkarappa |                                                                          |
|-----|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------|--------------------------------------------------------------------------|
|     |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | In figures                           | In words                                                                 |
| 1   | 193.50   | KSRB 2-1 : Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 KSRB 2-1.1: – do – Ordinary soil (Pg no. 45 I.No 7.37)                                                                                                                                                                                                                                                                                                                                                     | Cum  | 282.34                               | Rupees Two Hundred Eighty Two And Paise Thirty Four Only                 |
| 2   | 70.20    | KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. KSRB 2-2.1: – do – in ordinary soil. No. KBS 2.1(a) / 2.3.5 P.No.06 It No.2.1                                                                                                                                                                                                                                                                                                                                                        | Cum  | 425.76                               | Rupees Four Hundred Twenty Five And Paise Seventy Six Only               |
| 3   | 54.72    | KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 P.No.13 It No.4.3                                                                                                                                                                                                                                                                                                                                                                                                                      | Cum  | 5785.12                              | Rupees Five Thousand Seven Hundred Eighty Five And Paise Twelve Only     |
| 4   | 35.82    | KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 P.No.13 It No.4.5                                                                                                                                                                                                                                                                                                                                                                                                                    | Cum  | 6041.38                              | Rupees Six Thousand Forty One And Paise Thirty Eight Only                |
| 5   | 22.44    | KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplasticiser @3lts conforming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintels, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 P.No.14 It No.4.12 | Cum  | 6854.38                              | Rupees Six Thousand Eight Hundred Fifty Four And Paise Thirty Eight Only |

  
Contractor

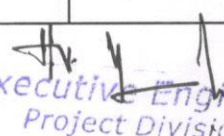
  
Executive Engineer  
Project Division  
Yelahanka Zone  
BBMP, Bangalore-92

| Sl. No. | Quantity | Item Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Approved Rates of Sri. H V Onkarappa |                                                                              |
|---------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------|------------------------------------------------------------------------------|
|         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | In figures                           | In words (102)                                                               |
| 6       | 34.56    | KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.16 It No.4.28                                                                                                                                                                                                                                                      | Cum  | 292.54                               | Rupees Two Hundred Ninety Two And Paise Fifty Four Only                      |
| 7       | 590.40   | KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.16 It No.4.32                                                                                                                                                                                                                                       | Cum  | 517.05                               | Rupees Five Hundred Seventeen And Paise Five Only                            |
| 8       | 28.01    | KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.17 It No.4.34                                                                                                                                                                                              | Cum  | 331.10                               | Rupees Three Hundred Thirty One And Paise Ten Only                           |
| 9       | 11.52    | KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregates @ 0.0345cum, with superplasticiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 P.No.15 It No.4.19 | Sqm  | 498.91                               | Rupees Four Hundred Ninety Eight And Paise Ninety One Only                   |
| 10      | 11.52    | KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for chajja, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.17 It No.4.37                                                                                                                                                                                                                                                                         | Sqm  | 339.12                               | Rupees Three Hundred Thirty Nine And Paise Twelve Only                       |
| 11      | 6.44     | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 - do - TMT bars Fe 500 P.No.18 It No.4.46                                                             | MT   | 80467.78                             | Rupees Eighty Thousand Four Hundred Sixty Seven And Paise Seventy Eight Only |
| 12      | 54.94    | KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 KSRB 5.2-3 : - do - cement mortar 1:6 KBS 5.1.13 P.No.25 It No.5.6                                                                                                                                                                       | Cum  | 5211.37                              | Rupees Five Thousand Two Hundred Eleven And Paise Thirty Seven Only          |
| 13      | 22.68    | KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 P.No.25 It No.5.9                                                                                                                                                                                                           | Cum  | 6217.13                              | Rupees Six Thousand Two Hundred Seventeen And Paise Thirteen Only            |

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| Sl. No. | Quantity | Item Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Approved Rates of Sri. H V Onkarappa |                                                               |
|---------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------|---------------------------------------------------------------|
|         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | In figures                           | In words (10)                                                 |
| 14      | 409.03   | KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m <sup>3</sup> having a minimum average compressive strength of 4.00 N/mm <sup>2</sup> conforming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm P.No.27 It No.5.26.1                                                                                                                                                                                                                                                                 | Sqm  | 1090.80                              | Rupees One Thousand Ninety And Paise Eighty On                |
| 15      | 588.79   | KSRB15-3 : Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.4 : - do - cement mortar 1:3 P.No.115 It No.15.12                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sqm  | 265.33                               | Rupees Two Hundred Sixty Five And Paise Thirty Three Only     |
| 16      | 141.45   | KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.7 : - do - cement mortar 1:3 P.No.116 It No.15.15                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sqm  | 312.95                               | Rupees Three Hundred Twelve And Paise Ninety Five Only        |
| 17      | 12.00    | KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM complete as per specifications. Shutter size 3mx2.8 m Specification No. KBS 7.10 / 7.12 P.No.33 It No.7.5 | Sqm  | 2956.06                              | Rupees Two Thousand Nine Hundred Fifty Six And Paise Six Only |
| 18      | 6.00     | KSRB 7.6 : Providing and fixing top covers made out of 20 guage M.S. sheet over pull and push rolling shutters bent to shape including cost of red lead primer coat of painting , materials, labour, HOM complete as per specifications. Specification No. KBS 7.10.6 / 7.12 P.No.34 It No.7.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Rmt  | 546.54                               | Rupees Five Hundred Forty Six And Paise Fifty Four On         |
| 19      | 172.80   | KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12 P.No.34 It No.7.9                                                                                                                                                                                                                                                                                                                                                                       | Kg   | 107.72                               | Rupees One Hundred Seventy Two And Paise Seventy Two On       |

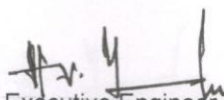
  
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 17/8/20

  
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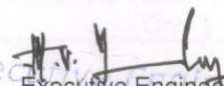
| Quantity | Item Name | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Approved Rates of Sri. H V Onkarappa |                |                                                                        |
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|          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | In figures                           | In words (100) |                                                                        |
| 20       | 11.52     | KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenoned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS -do- using aluminium section powdered coated | Sqm                                  | 4960.78        | Rupees Four Thousand Nine Hundred Sixty And Paise Seventy Eight Only   |
| 21       | 136.19    | KSRB 14.7-2 : Providing and laying red oxide flooring 40 mm thick, with an under layer of 30mm thick M-15 cement concrete, using broken granite metal of 12.5mm nominal size and top layer of 10mm thick plaster with 1:3 cement mortar mixed with red oxide ( using 3.5 kg of red oxide per 50 kg of cement ) finished with floating coat of neat cement mixed with red oxide (mix of same proportion), including cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.3 P.No.104 It No.14.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sqm                                  | 754.04         | Rupees Seven Hundred Fifty Four And Paise Four Only                    |
| 22       | 9.60      | Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. (Pg no. 45 I.No 7.37)                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sqm                                  | 3415.28        | Rupees Three Thousand Four Hundred Fifteen And Paise Twenty Eight Only |
| 23       | 519.20    | Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses (Pg no. 299 I.No 38.30) P.No.299 It No.38.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sqm                                  | 780.12         | Rupees Seven Hundred Eighty And Paise Twelve Only                      |

  
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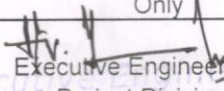
| Quantity | Item Name | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Approved Rates of Sri. H V Onkarappa |          |                                                                          |
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|          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | In figures                           | In words |                                                                          |
| 24       | 2596.00   | Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification (Pg no. 43 I.No 7.30) P.No.43 It No.7.30 | Kgs                                  | 145.14   | Rupees One Hundred Forty Five And Paise Fourteen Only                    |
| 25       | 588.79    | KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. P.No.119 It No.15.49                                                                                                                                                                                                                       | Sqm                                  | 124.73   | Rupees One Hundred Twenty Four And Paise Seventy Three Only              |
| 26       | 585.45    | KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do- with primer P.No.120 It No.15.53.2                                                                                                                                                                                                                                         | Sqm                                  | 115.66   | Rupees One Hundred Fifteen And Paise Sixty Six Only                      |
| 27       | 2.00      | KSRB 13-11.1: Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diametre for inlet,outlet and over flow pipes including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications for 2000 Litres Capcity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. BCSR Item No 13.78, Page No .94                      | Nos                                  | 7742.21  | Rupees Seven Thousand Seven Hundred Forty Two And Paise Twenty One Only  |
| 28       | 7.00      | Spun pole 9/11.0 mtr long                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No                                   | 2627.90  | Rupees Two Thousand Six Hundred Twenty Seven And Paise Ninety Only       |
| 29       | 7.00      | Spun pole 9/11.0 mtr long                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No                                   | 17690.82 | Rupees Seventeen Thousand Six Hundred Ninety And Paise Eighty Two Only   |
| 30       | 2.00      | Single pole structure kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Set                                  | 2347.58  | Rupees Two Thousand Three Hundred Forty Seven And Paise Fifty Eight Only |
| 31       | 2.00      | Single pole structure kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Set                                  | 28068.03 | Rupees Twenty Eight Thousand Sixty Eight And Paise Three Only            |
| 32       | 9.00      | 11kV Horizontal X Arms - Galvanised Iron (GI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Set                                  | 111.29   | Rupees One Hundred Eleven And Paise Twenty Nine Only                     |
| 33       | 9.00      | 11kV Horizontal X Arms - Galvanised Iron (GI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Set                                  | 349.62   | Rupees Three Hundred Forty Nine And Paise Sixty Two Only                 |
| 34       | 21.00     | 11kV, 5KN Composite/Polymeric Pin Insulator (24mm dia FRP Rod)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                   | 188.98   | Rupees One Hundred Eighty Eight And Paise Ninety Eight Only              |

  
Contractor

  
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| Quantity | Item Name                                                                                             | Unit | Approved Rates of Sri. H V Onkarappa |                                                                             |
|----------|-------------------------------------------------------------------------------------------------------|------|--------------------------------------|-----------------------------------------------------------------------------|
|          |                                                                                                       |      | In figures                           | In words                                                                    |
| 18.00    | 45kN Disc Insulators                                                                                  | Nos  | 316.02                               | Rupees Three Hundred Sixteen And Paise Two Only                             |
| 36       | 7.00 Pole Base concreting 1:4:8, 1000x1000x150mm                                                      | Each | 766.43                               | Rupees Seven Hundred Sixty Six And Paise Forty Three Only                   |
| 37       | 7.00 Pole Base concreting 1:2:4, 1000x1000x2500 mm                                                    | Each | 12784.63                             | Rupees Twelve Thousand Seven Hundred Eighty Four And Paise Sixty Three Only |
| 38       | 7.00 Coping 1:2:4 (as per actuals)                                                                    | Each | 2026.31                              | Rupees Two Thousand Twenty Six And Paise Thirty One Only                    |
| 39       | 35.00 GI wire 10 SWG                                                                                  | Kg   | 70.11                                | Rupees Seventy And Paise Eleven Only                                        |
| 40       | 70.00 Guy wire 7/10 SWG                                                                               | Kg   | 68.39                                | Rupees Sixty Eight And Paise Thirty Nine Only                               |
| 41       | 140.00 PVC Pipe 150 mm dia                                                                            | Mtrs | 280.32                               | Rupees Two Hundred Eighty And Paise Thirty Two Only                         |
| 42       | 140.00 PVC bend 150 mm dia                                                                            | No   | 192.13                               | Rupees One Hundred Ninety Two And Paise Thirteen Only                       |
| 43       | 140.00 PVC pipe (25mm dia)                                                                            | Mtrs | 26.25                                | Rupees Twenty Six And Paise Twenty Five Only                                |
| 44       | 2.00 GOS 200A S/B                                                                                     | Set  | 734.93                               | Rupees Seven Hundred Thirty Four And Paise Ninety Three Only                |
| 45       | 2.00 GOS 200A S/B                                                                                     | Set  | 8188.17                              | Rupees Eight Thousand One Hundred Eighty Eight And Paise Seventeen Only     |
| 46       | 2.00 H Frame Set for GOS                                                                              | Set  | 220.48                               | Rupees Two Hundred Twenty And Paise Forty Eight Only                        |
| 47       | 2.00 H Frame Set for GOS                                                                              | Set  | 3909.83                              | Rupees Three Thousand Nine Hundred Nine And Paise Eighty Three Only         |
| 48       | 2.00 9KV 5kA LA Metal Oxide Ceramic type with GROUND DISCONNECTOR                                     | Set  | 81.89                                | Rupees Eighty One And Paise Eighty Nine Only                                |
| 49       | 2.00 9KV 5kA LA Metal Oxide Ceramic type with GROUND DISCONNECTOR                                     | Set  | 2475.66                              | Rupees Two Thousand Four Hundred Seventy Five And Paise Sixty Six Only      |
| 50       | 2.00 11kV Class, HG Fuse Unit with Solid Core Insulators                                              | Set  | 162.73                               | Rupees One Hundred Sixty Two And Paise Seventy Three Only                   |
| 51       | 2.00 11kV Class, HG Fuse Unit with Solid Core Insulators                                              | Set  | 926.01                               | Rupees Nine Hundred Twenty Six And Paise One Only                           |
| 52       | 21.00 Earthing materials pipe type for grounding as per Drawing No. BESCO/GM/CP/15 & 34/Dt: 24.10.07. | Set  | 528.10                               | Rupees Five Hundred Twenty Eight And Paise Ten Only                         |
| 53       | 21.00 Earthing materials pipe type for grounding as per Drawing No. BESCO/GM/CP/15 & 34/Dt: 24.10.07. | Set  | 1575.90                              | Rupees One Thousand Five Hundred Seventy Five And Paise Ninety Only         |
| 54       | 2.00 Caution/Danger board.                                                                            | No   | 55.64                                | Rupees Fifty Five And Paise Sixty Four Only                                 |
| 55       | 2.00 Caution/Danger board.                                                                            | No   | 153.29                               | Rupees One Hundred Fifty Three And Paise Twenty Nine Only                   |

  
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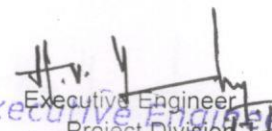
| Quantity | Item Name                                                                                                                                 | Unit | Approved Rates of Sri. H V Onkarappa |                                                                                        |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------|----------------------------------------------------------------------------------------|
|          |                                                                                                                                           |      | In figures                           | In words                                                                               |
| 14.00    | Alkathene tube 19mm dia and in coils                                                                                                      | Coil | 480.85                               | Rupees Four Hundred Eight And Paise Eighty Five Only                                   |
| 57       | Anti Climbing Device (12mtrs/1Kg GI Barbed Wire)Lumpsum                                                                                   | Kg   | 29.40                                | Rupees Twenty Nine And Paise Forty Only                                                |
| 58       | Anti Climbing Device (12mtrs/1Kg GI Barbed Wire)Lumpsum                                                                                   | Kg   | 79.79                                | Rupees Seventy Nine And Paise Seventy Nine Only                                        |
| 59       | Rabbit conductor for Jumps                                                                                                                | Km   | 3012.16                              | Rupees Three Thousand Twelve And Paise Sixteen Only                                    |
| 60       | Rabbit conductor for Jumps                                                                                                                | Km   | 38318.20                             | Rupees Thirty Eight Thousand Three Hundred Eighteen And Paise Twenty Only              |
| 61       | Flat form of size as per item No:4, with labour                                                                                           | No   | 27718.41                             | Rupees Twenty Seven Thousand Seven Hundred Eighteen And Paise Forty One Only           |
| 62       | Distribution Transformers 63kVA - 3 Phase, 11kV/433V - Amorphous Core with Oil 134A. OPEN BUSHING TYPE BEE 5 Star Rated/Energy Efficient. | No   | 787.42                               | Rupees Seven Hundred Eighty Seven And Paise Forty Two Only                             |
| 63       | Distribution Transformers 63kVA - 3 Phase, 11kV/433V - Amorphous Core with Oil 134A. OPEN BUSHING TYPE BEE 5 Star Rated/Energy Efficient. | No   | 140613.11                            | Rupees One Lakh(s) Forty Thousand Six Hundred Thirteen And Paise Eleven Only           |
| 64       | LT Distribution box for 63 kVA TC                                                                                                         | No   | 526.00                               | Rupees Five Hundred Twenty Six Only                                                    |
| 65       | LT Distribution box for 63 kVA TC                                                                                                         | No   | 18420.50                             | Rupees Eighteen Thousand Four Hundred Twenty And Paise Fifty Only                      |
| 66       | Al Lead Wire - 240 Sqmm                                                                                                                   | No   | 20.84                                | Rupees Twenty And Paise Eighty Four Only                                               |
| 67       | Copper lugs - 240 Sqmm                                                                                                                    | No   | 256.18                               | Rupees Two Hundred Fifty Six And Paise Eighteen Only                                   |
| 68       | PG Clamps - Rabbit to 240 Sqmm                                                                                                            | No   | 331.77                               | Rupees Three Hundred Thirty One And Paise Seventy Seven Only                           |
| 69       | Spacers for DTC Wiring                                                                                                                    | No   | 43.05                                | Rupees Forty Three And Paise Five Only                                                 |
| 70       | Fish plate                                                                                                                                | No   | 56.69                                | Rupees Fifty Six And Paise Sixty Nine Only                                             |
| 71       | 1.1 KV Class, armoured type LT UG Cable 95Sqmm                                                                                            | Km   | 21589.09                             | Rupees Twenty One Thousand Five Hundred Eighty Nine And Paise Ninety Only              |
| 72       | 1.1 KV Class, armoured type LT UG Cable 95Sqmm                                                                                            | Km   | 351764.80                            | Rupees Three Lakh(s) Fifty One Thousand Seven Hundred Sixty Four And Paise Eighty Only |
| 73       | Rabbit conductor for Jumps                                                                                                                | Km   | 3012.16                              | Rupees Three Thousand Twelve And Paise Sixteen Only                                    |
| 74       | Rabbit conductor for Jumps                                                                                                                | Km   | 38318.20                             | Rupees Thirty Eight Thousand Three Hundred Eighteen And Paise Twenty Only              |

Contractor

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BBMP, Bangalore-9

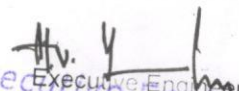
|      | Item Name                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit | Approved Rates of Sri. H V Onkarappa |                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------|--------------------------------------------------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | In figures                           | In words                                                                 |
| 1.00 | LT Electronic Tri - Vector Meter 5A, Class-0.5 accuracy                                                                                                                                                                                                                                                                                                                                                                                             | No   | 2163.84                              | Rupees Two Thousand One Hundred Sixty Three And Paise Eighty Four Only   |
| 76   | 1.00 LT Three phase Four Wire 5-30A Thread through type composite Meter Housing Box consisting of ETV Meter with AMR comply and LTCT with built in GSM/GPRS modem (as per technical specification ) upto 100kVA Distribution Transformer.                                                                                                                                                                                                           | No   | 1322.87                              | Rupees One Thousand Three Hundred Twenty Two And Paise Eighty Seven Only |
| 77   | 1.00 LT Three phase Four Wire 5-30A Thread through type composite Meter Housing Box consisting of ETV Meter with AMR comply and LTCT with built in GSM/GPRS modem (as per technical specification ) upto 100kVA Distribution Transformer.                                                                                                                                                                                                           | No   | 18403.70                             | Rupees Eighteen Thousand Four Hundred Three And Paise Seventy Only       |
| 78   | 6.00 Earthing materials pipe type for grounding as per Drawing No. BESCOM/GM/CP/15 & 34/Dt: 24.10.07.                                                                                                                                                                                                                                                                                                                                               | Set  | 528.10                               | Rupees Five Hundred Twenty Eight And Paise Ten Only                      |
| 79   | 6.00 Earthing materials pipe type for grounding as per Drawing No. BESCOM/GM/CP/15 & 34/Dt: 24.10.07.                                                                                                                                                                                                                                                                                                                                               | Set  | 1575.90                              | Rupees One Thousand Five Hundred Seventy Five And Paise Ninety Only      |
| 80   | 168.00 supplying heavy gauge pvc conduit pipe... dia confirming to IS 2509 with suitable size benda. Junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 70mm using NF screws (ELE SR 2019-20 Page-2, Item-1.1.2)                                  | mtr  | 68.24                                | Rupees Sixty Eight And Paise Twenty Four Only                            |
| 81   | 168.00 Suppling... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc..., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.(ELE SR 2019-20 Page-2, Item-1.2.2) | mtr  | 55.64                                | Rupees Fifty Five And Paise Sixty Four Only                              |
| 82   | 138.00 Groove cutting in the wall suppling.. Dia 2mm/2.5mm thick heavy gauge PVC Conduit pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.(ELE SR 2019-20 Page-2, Item-1.3.2)                                                                                             | mtr  | 56.69                                | Rupees Fifty Six And Paise Sixty Nine Only                               |
| 83   | 18.00 Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc...(ELE SR 2019-20 Page-2, Item-1.4.5)                                                                                                                                                                                                                                         | Each | 116.54                               | Rupees One Hundred Sixteen And Paise Fifty Four Only                     |
| 84   | 6.00 supplying and fixing PVC/ Metal conduit accessories. (3/5) (ELE SR 2019-20 Page-3, Item-1.5.3)                                                                                                                                                                                                                                                                                                                                                 | Each | 62.99                                | Rupees Sixty Two And Paise Ninety Nine Only                              |
| 85   | 60.00 Suppling and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complet. (ELE SR 2019-20 Page-3, Item-1.6.1-1.6.8)                                                                                                                                                                                                                             | mtr  | 107.09                               | Rupees One Hundred Seven And Paise Nine Only                             |
| 86   | 12.00 Suppling and wiring adopting loop system in existing PVC Conduit/ casting capping using copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box. The outhter end of the wires shall be terminated with sufficient loose lenth in a wood / PVC round block. complete for each outlet. (ELE SR 2019-20 Page-5, Item-2.1.2)                   | Each | 288.72                               | Rupees Two Hundred Eighty Eight And Paise Seventy Two Only               |

  
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18/20

|    |        | Item Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Unit | Approved Rates of Sri. H V Onkarappa |                                                                                                  |
|----|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------|--------------------------------------------------------------------------------------------------|
|    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | In figures                           | In words                                                                                         |
|    | 30.00  | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machines screws, bolts nuts etc., complete on the existing metal/PVC box, ELE SR 2019-20 Page-9, Item-3.5.3)                                                                                                                                                                                                                                                                                                                             | No   | 183.73                               | Rupees One Hundred Eighty Three And Paise Seven Three Only                                       |
| 88 | 12.00  | Supplying and fixing of 32 Amps security and energy saving DP switch with key tag suitable to operate on 230 volts, 50Hz AC supply and completely wired on existing box. ELE SR 2019-20 Page-10, Item-3.7)                                                                                                                                                                                                                                                                                                                                                                            | Each | 713.93                               | Rupees Seven Hundred Thirteen And Paise Nine Three Only                                          |
| 89 | 516.00 | Wiring for lighting/power circuit using one of pvc insulated 1100v grade, multistrand copper conductor singal core cable in open or concealed system of wiring. ELE SR 2019-20 Page-5, Item-2.3.1-2.3.7)                                                                                                                                                                                                                                                                                                                                                                              | mtr  | 21.52                                | Rupees Twenty One And Paise Fifty Two Only                                                       |
| 90 | 90.00  | Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm... Etc as required. ELE SR 2019-20 Page-3, Item-1.8.1)                                                                                                                                                                                                                                                                                                                                                                                     | Each | 23.10                                | Rupees Twenty Three And Paise Ten Only                                                           |
| 91 | 96.00  | Supplying PVC/GI Flexible conduit pipe.. Mm dia fixing on surface over inverted wooden pugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pie terminated completely. ELE SR 2019-20 Page-3, Item-1.9.1)                                                                                                                                                                                                                                                                                            | Each | 23.10                                | Rupees Twenty Three And Paise Ten Only                                                           |
| 92 | 96.00  | Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.. ELE SR 2019-20 Page-10, Item-3.10.2)                                                                                                                                                                                                                                                                                                                                                                                                         | Each | 11.55                                | Rupees Eleven And Paise Fifty Five Only                                                          |
| 93 | 100.00 | Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good the walls etc.) - 20mm nominal OD pipes. (P.No.99, I.No. 13.86.2 of PWD SR 2018-19) | Rmt  | 254.13                               | Rupees Two Hundred Fifty Four And Paise Thirteen Only                                            |
| 94 | 1.00   | Industrial Washing Machine 100 Kg's with control panel (Model Id: NEIH100) Made out of S.S, Rotating Drum Dia/Lt.mm : 900/1250, Washing Speed in Rpm:38, Motor Power In Hp:3 Loading Type: Side-Top, Drive System: Belt, Type of Material: S.S 304, Operating System: Electrical, Heater: 18KW(Optional) (Approved Data Rate)                                                                                                                                                                                                                                                         | Each | 1468484.63                           | Rupees Fourteen Lakh(s) Sixty Eight Thousand Four Hundred Eighty Four And Paise Sixty Three Only |
| 95 | 1.00   | Hydro Extractor 100Kg's (Model Id : NEI30) Made out of M.S & S.S Rotating Drum Dia/Ht:750/350mm , Extraction speed in Rpm:1000, Motor Power in HP:5 Drive system: Belt Type of Material: S.S 304, Brake System: Leg Brake(Manual), Operating System: Electrical. (Approved Data Rate)                                                                                                                                                                                                                                                                                                 | Each | 1549242.94                           | Rupees Fifteen Lakh(s) Forty Nine Thousand Two Hundred Forty Two And Paise Ninety Four Only      |
| 96 | 1.00   | Tumble Dryer 100Kg's (Model Id : NEIT100) Made out of M.S & S.S Rotating, Drum Dia/Ht: 1000/1300mm , Rotation speed in Rpm:38, Motor Power in HP:2, Blower Power in Hp: 1, Drive system: Belt ,Operating System: Electrical, Heater: 18KW. (Approved Data Rate)                                                                                                                                                                                                                                                                                                                       | Each | 1429449.35                           | Rupees Fourteen Lakh(s) Twenty Nine Thousand Four Hundred Forty Nine And Paise Thirty Five Only  |
| 97 | 1.00   | RECTANGULAR TABLES WITH BOILER for Ironing URANO '98 FOR CURTAINS 295 x 80: Rectangular ironing board, heated surface with vacuum suction, with two 0.5 hp aspirators. and with a unique suction pedal. The table is the result of the union of the URANO '98 URANO '98 MAXI floors                                                                                                                                                                                                                                                                                                   | Each | 394499.92                            | Rupees Three Lakh(s) Ninety Four Thousand Four Hundred Ninety Nine And Paise Ninety Two Only     |
| 98 |        | GST @ 12% (For SR 2018-19 Items Only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                      |                                                                                                  |

  
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